

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		<b>ATTORNEY'S DOCKET NUMBER</b> <b>051082-0103</b> <small>U.S. APPLICATION NUMBER IS UNKNOWN 37 CFR 1.5 Unassigned</small> <b>117541318</b>
INTERNATIONAL APPLICATION NO. PCT/CN2002/000947	INTERNATIONAL FILING DATE 12/31/2002	PRIORITY DATE CLAIMED 12/31/2002
<b>TITLE OF INVENTION</b> SMART ANTENNA, METHOD AND APPARATUS FOR ADAPTIVE BEAM FORMING		
<b>APPLICANT(S) FOR DO/EO/US</b> Lidong CHI et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected.(Article.31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))  <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).  <input type="checkbox"/> has been communicated by the International Bureau.  <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))  <input checked="" type="checkbox"/> is attached hereto.  <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))  <input type="checkbox"/> are attached hereto (required only if not transmitted by the International Bureau).  <input type="checkbox"/> have been communicated by the International Bureau.  <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.  <input checked="" type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input checked="" type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern other document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13(er.2) and 37 CFR 1.821 – 1.825</p> <p>18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information: PCT/IPEA/409</p>		

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U.S. APPLICATION NO. (known under 37 CFR 1.5) <b>Unassigned</b>		INTERNATIONAL APPLICATION NO. <b>107541316</b> PCT/CN2002/000947	ATTORNEY'S DOCKET NUMBER <b>051082-0103</b>																																																																																																																												
<p>The following fees have been submitted:</p> <table border="1"> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee</td> <td>\$300</td> <td>\$ 300.00</td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)</td> <td>\$100 \$200</td> <td>\$ 200.00</td> <td></td> </tr> <tr> <td>All other situations</td> <td></td> <td></td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared and provided to the Office</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 500.00</td> <td></td> </tr> <tr> <td colspan="2"><b>TOTAL OF ABOVE 21, 22 and 23 =</b></td> <td><b>\$ 1000.00</b></td> <td></td> </tr> <tr> <td colspan="4"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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Ellis</u>            NAME  <u>26,874</u>            REGISTRATION NUMBER         </td> </tr> </table>				21. <input checked="" type="checkbox"/> Basic national fee	\$300	\$ 300.00		22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)	\$100 \$200	\$ 200.00		All other situations				23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100			International Search Report prepared and provided to the Office	\$400			All other situations	\$500	\$ 500.00		<b>TOTAL OF ABOVE 21, 22 and 23 =</b>		<b>\$ 1000.00</b>		<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). 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